



Dart Aerospace Ltd.  
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PTO

**D3151-041**  
**Job Sheet 211816**



Part No: D3151-041

Job Qty: 2 pcs

DAS  
21  
9-89

Part Name: Doubler Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/28/20

Job Tracking No:

Due Date: 7/31/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP A 04.12.01 New issue KJ/JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op No     | Operation                                       | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                                                                 |
|-----------|-------------------------------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|--------------------------------------------------------------------------|
|           |                                                 |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                                                                          |
| 100       | Small Fab - 1<br><i>See for ACR For Details</i> | 2 pcs | 7/31/20    | 7/31/20  | 0.00      | 0.00    | Small Fab - 1         |           | <del>JUL 30 2020</del>                                                   |
|           |                                                 |       |            |          |           |         | Small Fab - 2         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 3         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 4         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 5         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 6         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 7         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 8         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - 9         |           |                                                                          |
|           |                                                 |       |            |          |           |         | Small Fab - Various 1 |           |                                                                          |
| 110       | QC 5                                            | 2 pcs | 7/31/20    | 7/31/20  | 0.00      | 0.00    | QC 5 - 10             |           | <del>JUL 31 2020</del><br><b>JUL 31 2020</b><br><b>40</b><br><b>2-80</b> |
|           |                                                 |       |            |          |           |         | QC 5 - 12             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 17             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 18             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 19             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 22             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 24             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 3              |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 43             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 49             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 51             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 58             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 68             |           |                                                                          |
|           |                                                 |       |            |          |           |         | QC 5 - 9              |           |                                                                          |
| QC 5 - 50 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| QC 5 - 30 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| QC 5 - 40 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| QC 5 - 61 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| QC 5 - 81 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| QC 5 - 82 |                                                 |       |            |          |           |         |                       |           |                                                                          |
| 120       | Packaging 3-1 - Stock - B4B                     | 2 pcs | 7/31/20    | 7/31/20  | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           |                                                                          |



**DART**  
AEROSPACE

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Container No: S291162



Part: D3151-041  
Job No: 211816  
Serial No/Batch: S291162  
Revision:  
Inspector:  
Exp Date:  
Instructions: Various STC's

Date: 07/30/20

Plex 7/28/20 10:04 AM Dart.lajeunesse.mar



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Exp Date:

Instructions: Various STC's

Date: 07/20/20

give part to  
Muffin  
But NOT who!

Packaging 3 - 2 - B4B  
Packaging 3 - 3 - B4B  
Packaging 3 - 4 - B4B  
Packaging 3 - 5 - B4B  
Packaging 3 - 6 - B4B  
Packaging 3 - 7 - B4B  
Packaging 3 - 8 - B4B  
Packaging 3 - 9 - B4B  
Packaging 3 - 10 - B4B  
Packaging 3 - 11 - B4B  
Packaging 3 - 12 - B4B  
Packaging 3 - 13 - B4B  
Packaging 3 - 14 - B4B  
Packaging 3 - 15 - B4B  
Packaging 3 - 16 - B4B  
Packaging 3 - 17 - B4B  
Packaging 3 - 18 - B4B  
Packaging 3 - 19 - B4B  
Packaging 3 - 20 - B4B  
Packaging 3 - 21 - B4B  
Packaging 3 - 22 - B4B  
Packaging 3 - 23 - B4B  
Packaging 3 - 24 - B4B  
Packaging 3 - 25 - B4B  
Packaging 3 - 26 - B4B  
Packaging 3 - 27 - B4B

DAS JUL 31 2020  
21  
9-09

130 QC 21 - SA 2 pcs 7/31/20 0.00 0.00

QC 21 - SA - 21

QC 21 - SA - 70

QC 21 - SA - 9

QC 21 - SA - 77

DAS  
21  
9-09 JUL 31 2020

Part Op 100 - (Small Fab)

Descriptions: 110 - QC5- Inspect part completeness to step on W/O

120 - Identify as per dwg & Stock Location:

130 - QC 21- Final Inspection - Work Order Release

on to speed door who  
193518

### Job BOM

| Part / Item  | Component Name       | Quantity     | Operation         | Container |
|--------------|----------------------|--------------|-------------------|-----------|
| D3151-1      | Bracket Flat Pattern | 2 pcs (1 ea) | 100-Small Fab - 1 | N/A       |
| D3151-3      | Bracket              | 2 pcs (2 ea) | 100-Small Fab - 1 | FS2283    |
| MS20426AD3-3 | Rivet                | 12 Ea (6 ea) | 100-Small Fab - 1 | ST74205   |
| MS20426AD3-4 | Rivet                | 8 Ea (4 ea)  | 100-Small Fab - 1 | ST1136444 |
| MS21059L08   | Nut                  | 4 Ea (2 ea)  | 100-Small Fab - 1 | 3017105   |

### Job Allocations

| Operation         | Component Part | Required | Inventory | Allocated |
|-------------------|----------------|----------|-----------|-----------|
| 100-Small Fab - 1 | D3151-1        | 2        | 0         | 0         |
|                   | D3151-3        | 2        | 9         | 0         |
|                   | MS20426AD3-3   | 12       | 3,859     | 0         |
|                   | MS20426AD3-4   | 8        | 501       | 0         |
|                   | MS21059L08     | 4        | 88        | 0         |

### Part Specifications

Specifications could not be found.

22

Aug 18/2020  
WORK ORD



NCR No. 20-8306

Route update only

|                                                             |                        |                                                                                                                    |                                                                                     |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
|-------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Job: <u>211816</u>                                          |                        | DISPOSITION                                                                                                        |                                                                                     | DEPARTMENT/PROCESS                                                                                             |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
| Part No. <u>D3151-041</u>                                   |                        | Rework <input checked="" type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |                                                                                     | Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/> | Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/> | Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/> | Engineering <input checked="" type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier Quality <input type="checkbox"/> |
| Date: <u>20/7/29</u>                                        | Sequence #: <u>100</u> |                                                                                                                    | QTY Affected: <u>1</u>                                                              |                                                                                                                | MRB (QSI042)<br><u>INSP 12</u> <u>20/7/29</u>                                                                   |                                                                                                                                      |                                                                                                                                    |
| Description Work Order Deviation                            |                        |                                                                                                                    | Disposition                                                                         |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
| <u>Assemble D3151-041 with qty 2 D3151-3 and No D3151-1</u> |                        |                                                                                                                    | <u>Acceptable. Req'd to fit FDC speeddoor.</u>                                      |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
|                                                             |                        |                                                                                                                    | Completed By<br><u>SAS</u><br><u>20/07/29</u>                                       |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
|                                                             |                        |                                                                                                                    | Lead hand / Supervisor<br><br><u>DAS</u><br><u>9</u><br><u>9-89</u> <u>20-07-31</u> |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
|                                                             |                        |                                                                                                                    | QC / QA Coordinator<br><br><u>DAS</u><br><u>9</u><br><u>9-89</u> <u>20-07-31</u>    |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
| Root Cause                                                  |                        | FAULT CATEGORY                                                                                                     |                                                                                     |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
| Operator <input type="checkbox"/>                           |                        | <input type="checkbox"/> Pressure/Forced                                                                           | <input type="checkbox"/> Contamination                                              | <input type="checkbox"/> Power Loss/Surge                                                                      | <input type="checkbox"/> Positioned Wrong                                                                       |                                                                                                                                      |                                                                                                                                    |
| Manufacturing Process <input checked="" type="checkbox"/>   |                        | <input type="checkbox"/> Bending                                                                                   | <input type="checkbox"/> Misaligned/off center                                      | <input type="checkbox"/> Folio/Program                                                                         | <input type="checkbox"/> Outside Tolerance                                                                      |                                                                                                                                      |                                                                                                                                    |
| Equip/Tooling <input type="checkbox"/>                      |                        | <input type="checkbox"/> Crushing                                                                                  | <input type="checkbox"/> BOM/Route                                                  | <input type="checkbox"/> Grain Direction                                                                       | <input checked="" type="checkbox"/> Drawing                                                                     |                                                                                                                                      |                                                                                                                                    |
| Handling/Presservation <input type="checkbox"/>             |                        | <input type="checkbox"/> Cracks                                                                                    | <input type="checkbox"/> Broken/Damage/Defect                                       | <input type="checkbox"/> Weld                                                                                  | <input type="checkbox"/> Finish                                                                                 |                                                                                                                                      |                                                                                                                                    |
| Material <input type="checkbox"/>                           |                        | <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist                                                              | <input type="checkbox"/> Incomplete/Unclear Instructions                            | <input type="checkbox"/> Wrong Stock Pulled                                                                    | <input type="checkbox"/> Part Lost/Missing                                                                      |                                                                                                                                      |                                                                                                                                    |
| Product Improvement <input type="checkbox"/>                |                        | <input type="checkbox"/> Marks/Chatter                                                                             | <input type="checkbox"/> Drill Holes                                                | <input type="checkbox"/> Out of Sequence                                                                       | <input type="checkbox"/> Misread                                                                                |                                                                                                                                      |                                                                                                                                    |
| Process Improvement <input type="checkbox"/>                |                        | <input type="checkbox"/> Mislabeled                                                                                | <input type="checkbox"/> Fit/Function                                               | <input type="checkbox"/> Off-set/Set-up                                                                        |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |
| Human Factors <input type="checkbox"/>                      |                        | Other/Details:                                                                                                     |                                                                                     |                                                                                                                |                                                                                                                 |                                                                                                                                      |                                                                                                                                    |